

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-10 (Canceled).

Claim 11 (New): A communications method relating to a multimedia broadcast multicast service (MBMS) of multicasting or broadcasting a multimedia data to a plurality of mobile stations in a communications system, said communications method comprising:

a power ratio transmitting step of transmitting information about a power ratio between a power of a common control physical channel used for multicasting or broadcasting said multimedia data in each of given cells and a power of a common pilot channel used for transmitting an information on reference of timing in each of the given cells;

a service information transmitting step of transmitting service information indicating a state of an MBMS service in each of the given cells;

a power ratio information receiving step of receiving the information about the power ratio transmitted in said power ratio transmitting step;

a service information receiving step of receiving the service information transmitted in said service information transmitting step; and

a cell selecting step of acquiring a set including a plurality of cells from which a mobile station can receive an MBMS on the basis of the information about said power ratio which is received in said power ratio receiving step, and said service information received in said service information receiving step.

Claim 12 (New): The communications method according to Claim 11, further comprising:

a decoding step of receiving a signal transmitted using said common control physical channel in each of the plurality of cells included in the set acquired in said cell selecting step, and decoding said signal to acquire a plurality of decoded signals; and

a selectively-combining step of selecting a signal from the plurality of decoded signals acquired in said decoding step and thereby obtaining an output signal.

Claim 13 (New): The communications method according to Claim 11, further comprising:

a ranking step of ranking the plurality of cells on the basis of the information about said power ratio of the given cells, which is received in said power ratio receiving step, and the power of said common pilot channel, and wherein, in said cell selecting step, the plurality of cells included in said set are determined on the basis of the ranking determined in said ranking step and a predetermined threshold.

Claim 14 (New): A communications system relating to a multimedia broadcast multicast service (MBMS) of multicasting or broadcasting a multimedia data to a plurality of mobile stations therein, said communications system comprising:

a power ratio transmitting unit for transmitting information about a power ratio between a power of a common control physical channel used for multicasting or broadcasting said multimedia data in each of given cells and a power of a common pilot channel used for transmitting an information on reference of timing in each of the given cells;

a service information transmitting unit for transmitting service information indicating a state of an MBMS service in each of the given cells;

a power ratio information receiving unit for receiving the information about the power ratio transmitted by said power ratio transmitting unit;

a service information receiving unit for receiving the service information transmitted by said service information transmitting unit; and

a cell selecting unit for acquiring a set including a plurality of cells from which a mobile station can receive an MBMS on the basis of the information about said power ratio which is received by said power ratio receiving unit, and said service information received by said service information receiving unit.

Claim 15 (New): The communications system according to Claim 14, further comprising:

a decoding unit for receiving a signal transmitted using said common control physical channel in each of the plurality of cells included in the set acquired by said cell selecting unit, and for decoding said signal to acquire a plurality of decoded signals; and

a selectively-combining unit for selecting a signal from the plurality of decoded signals acquired by said decoding unit, and thereby obtaining an output signal.

Claim 16 (New): The communications system according to Claim 14, further comprising:

a ranking unit for ranking the plurality of cells on the basis of the information about said power ratio of the given cells, which is received by said power ratio receiving unit, and the power of said common pilot channel, and

wherein said cell selecting unit determines the plurality of cells included in said set on the basis of the ranking determined by said ranking unit and a predetermined threshold.

Claim 17 (New): A communications method relating to a multimedia broadcast multicast service (MBMS) of multicasting or broadcasting a multimedia data to a plurality of mobile stations in a communications system, said communications method comprising:

a power ratio receiving step of receiving information about a power ratio between a power of a common control physical channel used for multicasting or broadcasting said multimedia data in each of given cells and a power of a common pilot channel used for transmitting an information on reference of timing in each of the given cells;

a service information receiving step of receiving service information indicating a state of an MBMS service in said each of the given cells; and

a cell selecting step of acquiring a set including a plurality of cells from which a mobile station can receive an MBMS on the basis of the information about said power ratio which is received in said power ratio receiving step, and said service information received in said service information receiving step.

Claim 18 (New): The communications method according to Claim 17, further comprising:

a decoding step of receiving a signal transmitted using said common control physical channel in each of the plurality of cells included in the set acquired in said cell selecting step, and decoding said signal to acquire a plurality of decoded signals; and

a selectively-combining step of selecting a signal from the plurality of decoded signals acquired in said decoding step and thereby obtaining an output signal.

Claim 19 (New): The communications method according to Claim 17, further comprising:

a ranking step of ranking the plurality of cells on the basis of the information about said power ratio in each of the given cells, which is received in said power ratio receiving step, and the power of said common pilot channel, and,

wherein, in said cell selecting step, the plurality of cells included in said set are determined on the basis of the ranking determined in said ranking step and a predetermined threshold.

Claim 20 (New): A mobile station which can receive a multimedia broadcast multicast service (MBMS) of multicasting or broadcasting a multimedia data to a plurality of mobile stations in a communications system, said mobile station comprising:

a power ratio receiving unit for receiving information about a power ratio between a power of a common control physical channel used for multicasting or broadcasting said multimedia data in each of given cells and a power of a common pilot channel used for transmitting an information on reference of timing in each of the given cells;

a service information receiving unit of receiving service information indicating a state of an MBMS service in each of the given cells; and

a cell selecting unit of acquiring a set including a plurality of cells from which a mobile station can receive an MBMS on the basis of the information about said power ratio which is received by said power ratio receiving unit, and said service information received by said service information receiving unit.

Claim 21 (New): The mobile station according to Claim 20, further comprising:

a decoding unit for receiving a signal transmitted using said common control physical channel in each of the plurality of cells included in the set acquired by said cell selecting unit, and decoding said signal to acquire a plurality of decoded signals; and

a selectively-combining unit for selecting a signal from the plurality of decoded signals acquired by said decoding unit, and thereby obtaining an output signal.

Claim 22 (New): The mobile station according to Claim 20, further comprising:

a ranking unit for ranking the plurality of cells on the basis of the information about said power ratio in each of the given cells, which is received by said power ratio receiving unit, and the power of said common pilot channel, and

wherein said cell selecting unit determines the plurality of cells included in said set on the basis of the ranking determined by said ranking unit and a predetermined threshold.

Claim 23 (New): A communications method for use in a base station, the method relating to a multimedia broadcast multicast service (MBMS) of multicasting or broadcasting a multimedia data to a plurality of mobile stations in a communications system, said communications method comprising:

a power ratio transmitting step of transmitting information about a power ratio between a power of a common control physical channel used for multicasting or broadcasting said multimedia data in each of given cells and a power of a common pilot channel used for transmitting an information on reference of timing in each of the given cells; and

a service information transmitting step of transmitting service information indicating a state of an MBMS service in each of the given cells,

wherein the information about said power ratio and said service information are transmitted from said base station to said mobile station in order to enable a mobile station which will receive the information about said power ratio and said service information to acquire a set including a plurality of cells from which said mobile station can receive an MBMS on the basis of the information about said power ratio and said service information.

Claim 24 (New): The communications method according to Claim 23, wherein in order to enable said mobile station which will receive the information about said power ratio to determine a ranking of the plurality of cells on the basis of the information about said power ratio in each of the given cells and the power of said common pilot channel, and to enable said mobile station to determine the plurality of cells included in said set on the basis of the determined ranking and a predetermined threshold, the information about said power ratio in each of the given cells is transmitted from said base station to said mobile station.

Claim 25 (New): A base station which can be used for providing a multimedia broadcast multicast service (MBMS) of multicasting or broadcasting a multimedia data to a plurality of mobile stations in a communications system, said base station comprising:

a power ratio transmitting unit for transmitting information about a power ratio between a power of a common control physical channel used for multicasting or broadcasting said multimedia data in each of given cells and a power of a common pilot channel used for transmitting an information on reference of timing in each of the given cells; and

a service information transmitting unit for transmitting service information indicating a state of an MBMS service in said each of the given cells,

wherein said base station transmits the information about said power ratio and said service information to said mobile station in order to enable a mobile station which will receive the information about said power ratio and said service information to acquire a set including a plurality of cells from which said mobile station can receive an MBMS on the basis of the information about said power ratio and said service information.

Claim 26 (New): The base station according to Claim 25, wherein in order to enable said mobile station which will receive the information about said power ratio to determine a ranking of the plurality of cells on the basis of the information about said power ratio in each of the given cells and the power of said common pilot channel, and to enable the mobile station to determine the plurality of cells included in said set on the basis of the determined ranking and a predetermined threshold, said base station transmits the information about said power ratio in each of the given cells to said mobile station.